

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named	
Inventor : Wang	
Appln. No.: 10/698,909	Group Art Unit: 2628
Filed : October 31, 2003	
For : VIEW DEPENDENT DISPLACEMENT MAPPING	Examiner: S.A. Broome
Docket No.: M61.12-0534	

**INFORMATION DISCLOSURE STATEMENT**

VIA ELECTRONIC FILING  
SYSTEM (EFS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

**TIME OF FILING**

An information disclosure statement is being filed by the applicant within any one of the following time periods:

1.  1. Within three month of the filing date of a national application other than a Continued Prosecution Application (CPA);
2. Within three months of the date of entry of the National Stage international application;
3. Before the mailing date of a first Office Action on the merits, or
4. Before the mailing of a first Office Action after the filing of a Request for Continue Examination (RCE).

2.  after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

A.  a statement as specified in 37 C.F.R. § 1.97(e).  
B.  the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

**METHOD OF PAYMENT**

No fee is required.  
 ELECTRONIC FILING SYSTEM (EFS) PAYMENT \$ 180.00.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY P.A.

By

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FORM PTO-1449		Atty. Docket No.: M61.12-0534	Appl. No.: 10/698,909
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		First Named Inventor:	
		Wang	
		Filing Date	Group Art:
October 31, 2003		2628	

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
	AL						
	AM						
	AN						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Becker, B.G. and Max, N.L. 1993. "Smooth transitions between bump rendering algorithms" Computer Graphics (SIGGRAPH '93 Proceedings), 183-190.
AP	Blinn, J.F. 1978. "Simulation of wrinkled surfaces" Computer Graphics (SIGGRAPH '78 Proceedings) 12, 3, 286-292.
AQ	Cook, R.L. 1984. "Shade trees" Computer Graphics (SIGGRAPH '84 Proceedings) 18, 1, 1-34.
AR	Dana, K.J., Nayar, S.K., Van Ginneken, B., and Koenderink, J.J. 1999. "Reflectance and texture of real-world surfaces" ACM Transactions on Graphics 18, 1, 1-34.
AS	Doggett, M., and Hirche, J. 2000. Adaptive view dependent tessellation of displacement maps. Eurographics Workshop on Graphics Hardware, 55-66.

	AT	Gumhold, S., and Huttner, T. 1999. "Multiresolution rendering with displacement mapping" Eurographics Workshop on Graphics Hardware, 59-66.
	AU	Heidrich, W., Daubert, K. Kautz, J., and Seidel, H.P. 2000. "Illuminating micro geometry based on precomputed visibility" Computer Graphics (SIGGRAPH '00 Proceedings), 455-464.
	AV	Kautz, J. and Seidel, H.P. 2001. "Hardware accelerated displacement mapping for image based rendering" Graphics Interface, 61-70.
	AW	Koenderink, J.J. and Doorn, A.J.V. 1996. "Illuminance texture due to surface mesostructure" Journal of the Optical Society of America 13, 3, 452-463.
	AX	Lensch, H.P.A, Daubert, K. and Seidel, H.P. 2002. "Interactive semitransparent volumetric textures" Proc. Vision, Modeling and Visualization, 505-512.
	AY	Malzbender, T., Gelb, D., and Wolters, H. 2001. "Polynomial texture maps" Computer Graphics (SIGGRAPH '01 Proceedings) (August).
	AZ	Max, N. 1988. "Horizon mapping: shadows for bump-mapped surfaces" The Visual Computer 4, 2, 109-117.
	BA	Meyer, A., and Neyret, F. 1998. "Interactive volumetric textures" Eurographics Workshop on Rendering, 157-168.
	BB	Oliveira, M.M., Bishop, G. and McAllister, D. 2000. "Relief texture mapping" Computer Graphics (SIGGRAPH '00 Proceedings), 359-368.
	BC	Patterson, J.W., Hoggar, S.G., and Logie, J.R. 1991. "Inverse displacement mapping" Computer Graphics Forum 10, 2, 129-139
	BD	Pharr, M. and Hanrahan, P. 1996. "Geometry caching for ray-tracing displacement maps" Eurographics Workshop on Rendering, 31-40
	BE	Schaufler, G. and Priglinger, M. 1999. "Efficient displacement mapping by image warping" Eurographics Workshop on Rendering, 175-186.
	BF	Sloan, P.P. and Cohen, M.F. 2000. "Interactive horizon mapping" Eurographics Workshop on Rendering (June) 281-286
	BG	Smits, B., Shirley, P. and Stark, M.M. 2000. "Direct ray tracing of displacement mapped triangles" Eurographics Workshop on Render, 307-318.
	BH	Cook, R.L., Carpenter, L. and Catmull, E. 1987. "The reyes image rendering architecture" Computer Graphics (SIGGRAPH '87 Proceedings) 95-102.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.